

REMARKS

The Examiner has requested that Figs. 1-3 be designated as prior art. Submitted herewith are copies of the annotated drawings and replacement drawings indicating that the legend --Prior art-- has been added to Figs. 1-3.

The Examiner has rejected claim 1 under 35 USC 103 as being obvious over Alves et al. in view of Werrbach, stating that Alves et al. discloses an audio adapter used with a vehicle audio system, but does not disclose a transformer matching an output impedance of the stereo unit with an input impedance of the amplifier; Werrbach discloses a limiting device to prevent overloading of the microphone output to the amplifier; and it would have been obvious to one of ordinary skill in the art to modify Alves et al. in view of Werrbach.

In reply thereto, Applicant has carefully reviewed Alves et al. and respectfully submits that Alves et al. merely discloses an audio cable for connecting an amplifier to the speakers. Still further, Applicant's review of Alves et al. indicates that it does not disclose anything about replacing the genuine head unit with the non-genuine head unit which would have a different impedance than the genuine head unit and which would require transformer matching to the power amplifier and that the transformer would be used to adjust the output level of the non-genuine head unit to input level of the power amplifier.

Applicant has further reviewed Werrbach and respectfully submits that Werrbach merely discloses a microphone output limiter which merely uses a variable impedance to adjust the volume of the microphone output and does not suggest that this variable impedance unit would be used to essentially function as an impedance matching. Still further, Applicant respectfully submits that Werrbach does not disclose or suggest anything concerning using such a transfer in a system wherein the genuine head is replaced by a non-genuine head.

In view of the above, therefore, Applicant respectfully submits that not only is the combination suggested by the Examiner not suggested by the art but also one of ordinary skill in the art would not make the combination suggested by the Examiner without the teachings of Applicant's application and as such would be hindsight which is not proper. Therefore, Applicant respectfully submits that claim 1 is not obvious over Alves et al. in view of Werrbach.

The Examiner has rejected claims 2-4 under 35 USC 103 as being obvious over Alves et al. in view of Werrbach and further in view of Kim, stating that the combination discloses all of Applicant's invention but does not disclose windings generating a center and woofer signal; Kim

discloses a sound reproducing system comprising a first and second loudspeakers including respective transformers having secondary winding and connected in parallel with each other and a circuit for generating a mixed signal of a first loud speaker signal and a second loud speaker signal by connecting the secondary windings of the transformers to the first and a woofer signal is generated; and it would have been obvious to one of ordinary skill in the art to modify the combination of Alves et al. and Werrbach in view of the teachings of Kim.

In reply thereto, Applicant would like to incorporate by reference his comments above concerning Applicant's invention, Alves et al. and Werrbach. In addition, Applicant has carefully reviewed Kim and respectfully submits that Kim merely discloses a multiple output transformer network for a high fidelity sound reproducing system which has high frequency and low frequency speakers. In addition, Applicant respectfully submits that Kim either shows a very complex system for dividing up the signal to the high frequency speaker and the lower frequency speaker as shown in Fig. 8 or a rather simplified system as shown in Fig. 7, neither of which is Applicant's invention.


In view of the above, therefore, Applicant respectfully submits that not only is the combination suggested by the Examiner not Applicant's invention but also the combination suggested by the Examiner is not suggested by the art and Applicant's invention can only be recreated utilizing hindsight. Therefore, Applicant respectfully submits that claims 2-4 are not obvious over Alves et al. in view of Werrbach and further in view of Kim.

In view of the above, therefore, it is respectfully requested that this Amendment be entered, favorably considered and the case passed to issue.

Please charge any additional costs incurred by or in order to implement this Amendment or required by any requests for extensions of time to KODA & ANDROLIA DEPOSIT ACCOUNT NO. 11-1445.

Respectfully submitted,

KODA & ANDROLIA

By: 
William L. Androlia
Reg. No. 27,177

2029 Century Park East
Suite 1430
Los Angeles, CA 90067
Tel: (310) 277-1391
Fax: (310) 277-4118

Certificate of Transmission

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office Fax No. (703) 872-9310 on March 10, 2004.

 William L. Androlia

Name

3/10/2004

Signature

Date